INFORMATION REPORT INFORMATION REPORT

CENTRAL INTELLIGENCE AGENCY

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- War and was previously a private concern. It is situated at BUDAPEST X (Kibanya) Zalka Mate Platz.
- Until the summer of 1956 the Director of the factory was a certain FARKAS, an ex-mechanic.

present Director came from the Beloiannis Works.

The Head of the Development Department is Bela

MITTERHOLZER

- The chief technologist is a certain (Frau) SZALI.
- There is an installation at Helomstrasse 4, about 200-300 metres from the factory. Within the factory there are departments for the manufacture of resistances, condensors electrolytic condensors, raw material and finished goods stores, offices and workshops.

Carbofix (Carborid) Resistances

These resistances are manufactured by techniques which are also known in Western countries. From pentanehexane gas the carbon is cracked, at 900°C, on to porcelain mollers, which are 20mm in length and have a diameter of The production cost per piece is 1.60 forints. pentane-heptane mixture is imported from Eastern Germany, approximately 10 litres per month. These resistances are of the best quality, but a disadvantage is the fact that

SFRETHIGH ratings (above 10 M. Ohms) cannot be made in this way.

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The contact is a copper cap (previously wire) with colloidal silver (Degussa), which is imported from East Germany. This is the only type of resistance which is suitable for precision instruments, including those for military purposes.

7. Leszlo RATKY is in charge of this production.

8. Intensive research is carried out in this field at HIKI.

Layer Resistances

These resistances are made by spraying a mixture of artificial resin and carbon black in suspension on to porcelain rollers in a revolving drum. The artificial resin is of Hungarian origin (Erdőslakk), and the carbon black comes from Philburg. Small and large resistances (from 100 Chms - 10 M. Ohms) are made in this way. They are cheap but not very stable. The instability of the Ohm value varies from 2-5% per month, and the Ohm value varies from 1-5% according to the humidity. The noise-level is also very high (40 - 60 uV/ $_{\rm V}$). These resistances are used for civilian receiving sets. They are not exported, and no imported materials are required for them. A number of wire resistances are also produced, both with and without smelting.

Potentiometers

10. Both the wire and non-wire type of potentiometer is manufactured (from 30 Ohms - 3 M. Ohms). The layer, which consists of artificial resin, carbon black and iron oxide, is poured on to a bakelite belt. This is a sensitive process requiring much research. Difficulties are encountered in constancy of noise-level, in stability, and in centact faults.

11. The head of this department is RADI.

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TECHET CONTROL

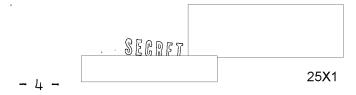
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private firm, and some are obtained from abmost.

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Siemens condensors are used.

- 19. The head of this department is Dipl. Ing.) Menghert CSAR. Until the beginning of 1956 the heads were Dipl. Ing.)
 Oskar BORHAY and Josef BOCSAN, who was self-taught.
 - 20. REMIX employs about 500 workers, of which about 25 are technicians and 50 administrative personnel.
- TAKI is the official controlling body for REMIX.

 Two advisers from TAKI work at REMIX, Dipl. Ing. Dr. Peter

 DENES, an electro-engineer and Dipl. Ing. Dr. Lorant BORSODI,

 a chemical engineer. TAKI tests every product of REMIX, and

 also carries out research for them on electrolytic condensors and

 potentiometers. Relations between the two concerns are not

 good.
- 22. HIKI also works for REMIX but is independent. Relations between HIKI and REMIX are also bad.

JOSTROD TERDES VINA SIMMETERA S R



